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Our File No. 9281-4617

Client No. N US02032

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)
Naoya Hasegawa)
Serial No. To be Assigned)
Filing Date: Herewith)
For Giant Magnetoresistive Element)

INFORMATION DISCLOSURE STATEMENT

Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to the obligation under 37 C.F.R. 1.56 and in conformance with 37 C.F.R. 1.97-1.99, Applicant hereby submits references A1 – A4 listed on the attached form PTO-1449 for consideration by the Examiner. Copies of the references are enclosed herewith.

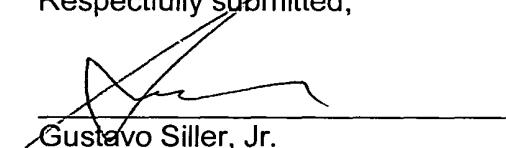
The filing of this Information Disclosure Statement does not constitute an admission that the information cited herein is, or is considered to be, material to patentability as defined in 37 C.F.R. Section 1.56(b). Further, Applicant reserves the right to contest these references as prior art against the present application, and Applicant does not believe that the disclosure of these references, even if finally determined to be prior art, anticipates Applicant's invention or that these references make Applicant's invention obvious.

No fees are believed to be due in connection with filing of this Information Disclosure Statement, however, should any fees under 37 C.F.R. §§ 1.16 to 1.21 be deemed necessary for any reason relating to this material, the Commissioner is

hereby authorized to deduct said fees from Brinks Hofer Gilson & Lione Deposit
Account No. 23-1925.

Applicant respectfully requests that the Examiner review the entire disclosure
of these documents and make them of record.

Respectfully submitted,



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Attorney for Applicant

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FORM PTO-1449	SERIAL NO. To be Assigned	CASE NO. 9281-4617
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT		FILING DATE Herewith
(use several sheets if necessary)	APPLICANT: Naoya Hasegawa	

REFERENCE DESIGNATION **U.S. PATENT DOCUMENTS**

FOREIGN PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS						
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS/ SUBCLASS	TRANSLATION YES NO

EXAMINER	DATE CONSIDERED
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.